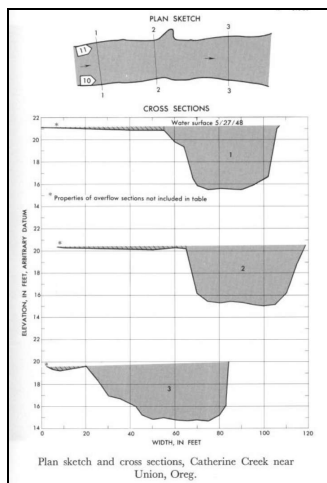


Catherine Creek near Union, Oreg



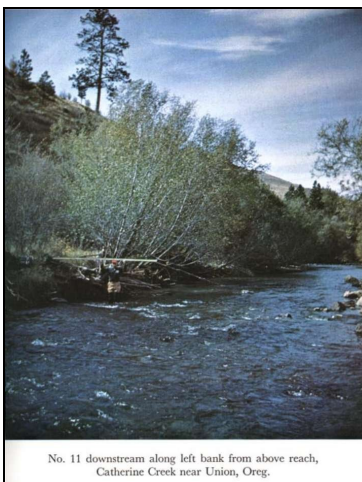
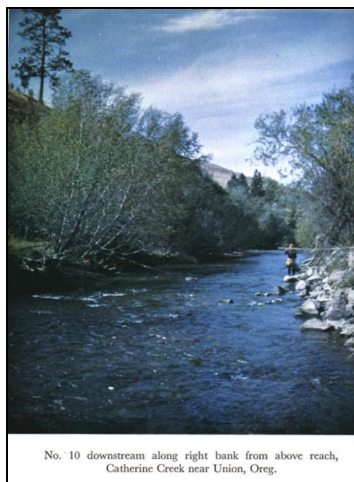
Study Reach.--Section 1 is about 0.75 mile downstream from gage.

Gage Location.--Lat $45^{\circ}09'20''$, long $117^{\circ}46'40''$, in SE1/4; sec.2, T.5 S., R.40E., on right bank 3 miles downstream from Little Catherine Creek and 6 miles southeast of Union.

Drainage Area.--105 sq mi.

Gage Datum and Elevations of Reference Points.--Not available.

Stage, Discharge Measurements and Computed n-Values.--Gage heights were 4.57 ft at gage; 21.21 ft (different datum) at section 1. Peak discharges was 1,740 cfs on May 27, 1948.



Description of Channel.--Bed consists of cobbles and small boulders. Banks are lined with small trees and brush, and limbs overhang along left bank.

Floods.--

Estimated n-Values using Cowan's Approach.--

Key words.--